

CLAIMS

1. A dishwasher comprising a drying device for drying washed dishes, wherein the drying device is disposed inside the dishwasher and exclusively circulates the air located in a washing container (1) of the dishwasher, comprising a suction port (2) for introducing the air from the washing container (1) into the drying device, a blow-out port (3) for discharging the air from the drying device into the washing container (1), a conveying section (5) between the suction port (2) and the blow-out port (3) and a fan (4) for conveying the air from the suction port (2) to the blow-out port (3) via the conveying section (5), wherein the conveying section (5) encompasses a condensing section (11) in which at least one wall of the conveying section (5) is embodied as a condensing surface (8) on which the moisture contained in the air is deposited.
2. The dishwasher according to claim 1, wherein the condensing surface (8) is in heat-conducting contact with an outer wall (9) of the dishwasher.
3. The dishwasher according to any one of the preceding claims, wherein the condensing surface (8) is formed of flexible material, preferably in the form of a film of plastic or metal, especially of aluminium.
4. The dishwasher according to any one of the preceding claims, wherein the condensing section (11) is substantially thermally insulated with respect to the washing container (1).
5. The dishwasher according to any one of the preceding claims, wherein the condensing section (11) has at least one mixing vane (6) projecting into the interior of the conveying section (5).
6. The dishwasher according to any one of the preceding claims, wherein the drying device has a discharge system by which means the water deposited in the condensing section (11) is drained off.

7. The dishwasher according to any one of the preceding claims, wherein a heating device (7) is preferably provided directly before the blow-out port (3) which heats the air passing by before it enters into the washing container (1).
8. The dishwasher according to any one of the preceding claims, wherein the fan (4) is arranged after the condensing section (11) in relation to the direction of flow of the air.
9. The dishwasher according to any one of claims 7 or 8, wherein both the fan (4) and also the heating device (7) are controlled by a program control of the dishwasher.
10. The dishwasher according to any one of the preceding claims, wherein the suction point (2) of the drying device is disposed in the upper area of the washing container (1) and the blow-out port (3) of the drying device is disposed in the lower area of the washing container (1).
11. The dishwasher according to any one of the preceding claims, wherein the conveying section (5) is disposed in a side wall and/or in the door of the dishwasher.